1	fixed moment in time?
2	Q Yes, sir. Turn to Page 7 of your pre-file
3	written direct testimony. The last sentence says,
4	"Thus in the field and in reality, whether a pole is
5	genuinely at full capacity does not depend on the
6	condition of a pole at a fixed moment in time." That
7	rolls over to the top of Page 8. Did I read that
8	portion of that sentence correctly?
9	A You read that correctly. But my answer
10	was that you can determine if make-ready is required.
11	Did you ask me if I could determine if full capacity
12	has been reached?
13	Q I think I did.
14	A If full capacity has been reached, then I
15	would refer you back to my reasonable definition of a
16	pole at full capacity.
17	Q Yes, sir. What I'm trying to ascertain is
18	whether or not I can go out in the field and look at
19	a pole at a fixed moment in time and just look at one
20	pole and determine whether that stick of wood is at
21	full capacity. Can I do that?
22	A We've gone over this a number of times and

1	
2	Q Not today, we have not, Mr. Harrelson.
3	JUDGE SIPPEL: Can you answer his question?
4	Can you do it or not? And then, you can explain your
5	answer.
6	THE WITNESS: You can do that.
7	JUDGE SIPPEL: With what qualifiers?
8	THE WITNESS: All right. The question is
9	can you determine if a pole is at full capacity at a
10	fixed moment in time. And you can, but you have to
11	consider the lines that leave the pole, and you have
12	to consider whether or not the pole can be changed to
13	a taller pole.
14	MR. CAMPBELL: Okay. Yes, sir. That's
15	exactly where I want to get to, and I'm going to walk
16	up here to the screen.
17	BY MR. CAMPBELL:
18	Q This pole here, this stick of wood that is
19	in the ground at a certain location, you went and
20	looked at it. Correct?
21	A Yes.
22	Q And if you need to refer to Exhibit 42,

1	not Exhibit 42, excuse me, Exhibit 6 to your
2	testimony, which you have already tendered in this
3	case. Do you have a copy of that, Mr. Harrelson?
4	A I don't.
5	JUDGE SIPPEL: Can you help me, Mr. Seiver?
6	MR. SEIVER: Gladly.
7	MR. CAMPBELL: Mr. Seiver, do you have an
8	extra copy of Exhibit 6?
9	MR. SEIVER: Yes, I do.
LO	THE WITNESS: Which page?
L1	MR. CAMPBELL: Pole Number 28, please, sir.
L2	JUDGE SIPPEL: Is that the one that's up on
L3	the screen?
L 4	MR. CAMPBELL: Yes, sir.
L5	THE WITNESS: I don't have it marked as
L6	Pole 28, though.
L7	MR. CAMPBELL: Yes, sir. You have an
L8	individual sheet, your Exhibit 6 that is pole
L9	specific, Pole Number 28. And you have a description
20	with measurements. It's not paginated. I'm sorry.
21	I didn't paginate it. I thought we did.
22	MR. SEIVER: It is paginated. I'm sorry.

1	MR. CAMPBELL: Do you have another copy?
2	THE WITNESS: All right. It's Page 106.
3	JUDGE SIPPEL: Whose Exhibit 6 is this?
4	MR. SEIVER: Complainant's, Your Honor.
5	JUDGE SIPPEL: Thank you.
6	BY MR. CAMPBELL:
7	Q We're looking at Page 106, Complainant's
8	Exhibit 6. Specifically, this is your Exhibit 6 you
9	identify in your pre-trial written direct testimony.
10	Correct?
11	A Yes.
12	Q And Exhibit 6, by the way, why don't you
13	just go ahead and describe what that is, Mr.
14	Harrelson?
15	A Exhibit is photographs of Gulf's 50 poles
16	selected for this matter with notes that I made with
17	respect to each pole.
18	Q Yes. And that's your analysis on each of
19	those poles. Correct?
20	A It's an analysis of sorts, Yes.
21	Q And on each of the poles, you identify
22	whether in your opinion that pole is at full capacity

1	or not at full capacity. Correct?
2	A I believe I do.
3	Q And in each instance, all 50 of the poles
4	that were identified in Exhibit 6 by Gulf Power, you
5	will find none of them are at full capacity. Correct?
6	A That's correct.
7	Q All right. Now, looking at this
8	particular pole, Pole Number 28, am I accurate, Mr.
9	Harrelson, that your conclusion is that in order to
10	accommodate an additional attacher, this pole would
11	have to be taken out of ground, retired from service
12	and a taller pole put in place?
13	A Yes. That's not a detailed engineering
14	design. I didn't do make-ready engineering on these.
15	But that, I think, is very strong likelihood that that
16	particular pole should be replaced.
17	Q Yes, sir. On Exhibit 6, you didn't say a
18	very strong likelihood. Your conclusion was, and tell
19	me if I'm reading this incorrectly, "The pole will
20	need to be changed out to accommodate additional
21	attachments." Is that your testimony here today, sir?
22	A That's correct. I just wanted you to know

1	that I didn't do an engineering analysis to reach that
2	conclusion.
3	Q But in order to understand the parameters
4	of your definition of when a pole is at full capacity,
5	I want to be sure I have this clear. Even though this
6	pole, Pole Number 28, would have to be taken out of
7	the ground and a new pole put in place, this pole, the
8	one that's taken out of the ground and retired from
9	service, in your opinion, was not at full capacity.
10	A No. I didn't define "pole" as an
11	individual stick of wood. "Pole" is an element of a
12	power line.
13	Q But this pole, in order to determine
14	whether this pole is at full capacity, it's your
15	definition that we don't just look at this pole.
16	Correct?
17	A But what we're doing is using two
18	definitions of poles. And that piece of wood, being
19	commonly referred to as a pole, is probably full. And
20	a reasonable engineering approach would be to put a
21	taller pole in that pole location.
22	So as you use the word pole in that

1	context, you have two different meanings. One is the
2	piece of wood that's coming out; the other is the
3	element of the distribution line, which is the pole.
4	Q And the pole that's coming out of the
5	ground with wires attached to it, in a certain
6	condition at a fixed moment in time, that's what's
7	commonly understood as a pole. Correct?
8	A Well, I don't know what's commonly
9	understood. I do know that the deliberations in this
10	case requires a definition for poles at full capacity.
11	Q You've testified in accident cases before,
12	correct, Mr. Harrelson?
13	A Yes.
14	Q That involves situations where a car might
15	run into a utility pole. Correct?
16	A Yes.
17	Q When it does, it runs into a pole at a
L8	fixed moment in time, doesn't it?
19	A If that's the scenario, that's true.
20	Q Yes, sir. It doesn't run into some
21	future, hypothetical pole. It runs into a real pole
22	at a given location. Right?

1	A Yes.
2	Q And in those cases where you're talking
3	about that, you're talking about a utility pole as it
4	existed in a fixed moment in time. Right?
5	A And we're talking about a road wreck.
6	Q Yes, sir.
7	A I agree.
8	Q In this case, you want to have a different
9	definition of pole. Correct?
10	A Well, two definitions to be able to
11	communicate.
12	JUDGE SIPPEL: Wait a minute. The witness
13	has been asked and answered that question. His answer
14	to me is for what it's worth, it is clear on the
15	record.
16	MR. CAMPBELL: Now, if I'm also correct,
17	could you go to Pole 29, please, Katy.
18	JUDGE SIPPEL: What page might that be?
19	MR. CAMPBELL: I guess it would be page
20	107, 108
21	THE WITNESS: 110. 110.
22	MR. CAMPBELL: 110.

1	JUDGE SIPPEL: Thank you. Okay. 110 of
2	Complainant's Exhibit 6.
3	MR. CAMPBELL: Now, on this pole
4	THE WITNESS: Actually, 111 is the photo.
5	MR. CAMPBELL: Okay. So go to Page 111,
6	then.
7	JUDGE SIPPEL: Thank you.
8	THE WITNESS: She's not there yet.
9	MR. ESTES: They didn't give us the page
10	numbers, so we don't have the page numbers.
11	THE WITNESS: Next page.
12	JUDGE SIPPEL: Do you have pole numbers?
13	MR. ESTES: We've got pole numbers, but we
14	don't have page numbers.
15	JUDGE SIPPEL: Mr. Campbell, do you know
16	what pole number?
17	MR. CAMPBELL: Pole Number 29. Hold on.
18	I think I can make this go a little faster maybe.
19	BY MR. CAMPBELL:
20	Q Now, again, just testing the parameters of
21	your definition here to be sure that I understand, on
22	the previous pole, that pole was not at full capacity

1	because we could take it out of the ground and put a
2	different pole in its place. Correct?
3	A Correct.
4	Q This pole is not at full capacity because
5	although there isn't room to accommodate another
6	attacher right now, you can rearrange the facilities,
7	the old facilities in a way that you think can
8	accommodate the other attacher. Correct?
9	A Yes.
10	Q And that's the different iteration of your
11	definition of a pole at full capacity. Correct?
12	A Yes. On this pole in particular, this is
13	a good illustration of the diagram that was
14	introduced, the demonstrative that showed the power
15	space, the communications workers' safety zone, and
16	the one-foot for cable and the three-feet contracted
17	to BellSouth. And that information was brought up
18	after my depositions about the supply space, you know,
19	the demonstrative aid, and the diagrams that I had
20	used to put these positions on here.
21	That street light on this particular pole
22	was added to this pole way down into the

1	communications workers' safety zone, and created the
2	violation on this pole that makes it require make-
3	ready.
4	MR. CAMPBELL: Your Honor, I'm going to
5	move to strike the answer as being non-responsive to
6	the question. And I think what's happening here is we
7	have a witness trying to open the door to the
8	information that his lawyer wants to get in that was
9	dropped on us today.
10	I didn't ask him about that. I'm asking
11	about the definition of crowded and where this pole
12	has to be rearranged. And I get a non-responsive
13	answer that's trying to relate that information.
14	MR. SEIVER: I'm at a loss here. He's not
15	testifying from his notes. And the notes are only
16	what the Osmose is. If Mr
17	JUDGE SIPPEL: Now, wait a minute. The
18	notes aren't even in play here. Wait. Whoa.
19	Mr. Campbell says that he didn't answer
20	the question as it was asked. He went beyond the
21	scope of the question that was asked on cross-
22	examination. In which case, Mr. Campbell should have

1	spoken up and alerted me to that, and I would have
2	ruled while he was talking.
3	But I'm going to take your objection at
4	face value. And I will assess whether or not the
5	witness had responded to your question. And I have to
6	look at it and find. I'm not sure whether or not I
7	can move that swiftly to strike something as non-
8	responsive.
9	He might have heard your question a way
10	differently than you had intended him to hear it.
11	Let's move on.
12	MR. CAMPBELL: Yes, Your Honor.
,	
13	BY MR. CAMPBELL:
13 14	BY MR. CAMPBELL: Q What did you do to date the relative
14	Q What did you do to date the relative
1 4 15	Q What did you do to date the relative placement of the communications cable on this
14 15 16	Q What did you do to date the relative placement of the communications cable on this streetlight, Mr. Harrelson?
14 15 16	Q What did you do to date the relative placement of the communications cable on this streetlight, Mr. Harrelson? A I looked at the appearance of the
14 15 16 17	Q What did you do to date the relative placement of the communications cable on this streetlight, Mr. Harrelson? A I looked at the appearance of the streetlight bracket and the connecting wires from the
14 15 16 17 18	Q What did you do to date the relative placement of the communications cable on this streetlight, Mr. Harrelson? A I looked at the appearance of the streetlight bracket and the connecting wires from the streetlight bracket to the pole grounds. And they

1	Q What did you do to date the sheeting on
2	the communications cable?
3	A It's just an experienced-based judgement
4	based on the neighborhood that that's in and the
5	appearance of the facilities.
6	Q You didn't date the cable, did you, Mr.
7	Harrelson?
8	A Only by an estimate based on my
9	experience.
10	JUDGE SIPPEL: I just want to caution the
11	witness to listen to the question carefully. You were
12	fine on the last one, but don't go expanding your
13	answer beyond what you're asked. Don't volunteer
14	anything, if I may ask you.
15	You will get to explain if you want to
16	explain your answer. Let me know you want to explain.
17	You'll also get another chance on redirect. But I do
18	want to give you a chance to explain at the time that
19	you're testifying. But first of all, just answer the
20	question.
21	Mr. Campbell, next question?
22	BY MR. CAMPBELL:

1	Q I think I've asked this question. I'm not
2	sure, though, so I need to ask it again. Is your
3	testimony, Mr. Harrelson, that you can't do a capacity
4	analysis on a pole by pole basis?
5	A I think where the confusion is, your
6	answer is yes, I can do a capacity analysis on a pole
7	by pole basis. The confusion is you keep asking
8	questions about "that stick of wood."
9	And so a capacity analysis can be made on
10	a pole by pole basis, but not without considering the
11	adjacent spans and the adjacent poles. It is a pole
12	by pole analysis, but it is not made by only looking
13	at that individual pole.
14	JUDGE SIPPEL: I'm sorry to interrupt. I
15	just have one clarifier. I'm not intending to muddy
16	the waters here. But in order to do a full pole
17	capacity analysis, can you do that without making a
18	loading analysis?
19	THE WITNESS: It's generally done without
20	a detailed loading analysis because of experienced-
21	based tables that are very helpful in deciding if a
22	pole is likely to be overloaded.

1	JUDGE SIPPEL: Well, let me ask you this,
2	then. Why except in a situation like this case
3	obviously for reasons that the Eleventh Circuit gave,
4	why in the course of business would you be wanting to
5	make an assessment of pole by pole analysis for full
6	capacity?
7	THE WITNESS: I believe that the analysis
8	must boil back down, ultimately, to an engineer's
9	decision if a pole had
10	JUDGE SIPPEL: No. That's not my question.
11	Why would you do it? Why would you bother doing it?
12	If I was the utility company, why would I
13	call you up and say, "Mr. Harrelson, would you come
14	over next week and start doing a pole by pole analysis
15	of all of our poles to see if they're in full
16	capacity?" Except for the fact that there's a court
17	decision affecting this, why would you want to do
18	that?
19	THE WITNESS: Well, I think all of these
20	100 examples that have been chosen clearly
21	demonstrates that there are code violations
22	JUDGE SIPPEL: No, no, no. We're not into

1	code violations. That's not it. That's not it. My
2	question is a very simple one. Why, if I were a
3	utility company, would I care about whether or not my
4	poles were at full capacity to the point that I would
5	be retaining an engineer to come over and give me that
6	kind of an assessment, unless I'm in a law suit.
7	THE WITNESS: I think it has to do with
8	compliance with the safety code, which utilities are
9	required, and require the attachers to comply with.
10	That's what I think.
11	JUDGE SIPPEL: All right. Then if you did
12	a survey of a utility distribution-wide, let's say for
13	safety compliance purposes, would you also, in the
14	connection with doing that, be making a determination
15	as to whether or not the pole was at full capacity or
16	not?
17	THE WITNESS: Not for that purpose, but
18	yes. If the pole cannot be rearranged or replaced
19	such that it's not at full capacity, then something
20	has to come off the pole.
21	JUDGE SIPPEL: So in that context I'm
22	sorry. Go ahead. Finish it.

1 THE WITNESS: If it cannot satisfy the 2 requirements of the National Electrical Safety Code 3 and whatever reasonable requirements the utility has, 4 then that pole violates the National Electric Safety 5 Code. And I think it's a uniform goal of the entire 6 utility industry, electric and communications, 7 comply with the National Electric Safety Code. 8 JUDGE SIPPEL: I understand that answer, 9 but I'm not quite with you yet in terms of why that 10 has to be a determination of full capacity. If you're 11 examining a series of poles for compliance, to be sure 12 that the utility owner is in compliance with the 13 safety laws, you outlined generally what you would 14 have to do. But why would the concept of full 15 capacity come into that kind of an examination? 16 THE WITNESS: I don't think it has been 17 important before to define full capacity. 18 JUDGE SIPPEL: Thank you. Thank you. 19 Okay. But for purposes for what you've done here, you 20 have determined full capacity and you feel comfortable 21 in what you have done without having taken it to the

next step, which would be the loading analysis, which

22

1	would really be a finite, a very narrow description of
2	exactly what that pole is all about.
3	THE WITNESS: It's an additional required
4	estimation or calculation.
5	JUDGE SIPPEL: What is? The loading?
6	THE WITNESS: The loading analysis.
7	JUDGE SIPPEL: Yes. What would prompt the
8	utility company to have you do a loading analysis?
9	What event or what plans would prompt that?
10	THE WITNESS: It would be if there's a new
11	requirement such as what's being considered in Florida
12	now, as I understand, for additional strengthening of
13	the lines due to
14	JUDGE SIPPEL: Hurricanes.
15	THE WITNESS: Well, due to the legislation,
16	which is a response to the hurricanes. Yes, sir.
17	JUDGE SIPPEL: Legislation is worse than a
18	hurricane sometimes.
19	(Laughter)
20	JUDGE SIPPEL: All right. You've explained
21	it to me. I just wanted to get a context on what this
22	is all about. I'm sorry, Mr. Campbell, go ahead.

1.		BY MR. CAMPBELL:
2	Q	And I want to be clear before we leave
3	this issue	that you have not performed that loading
4	analysis on	any of these poles?
5	A	Not a detailed loading analysis.
6	Q	Yes, sir. So you wouldn't sit there as a
7	professiona	l engineer under oath and render an opinion
8	on any one	of these poles with respect to whether
9	additional :	loading considerations would be impacted by
10	adding anot	her communications cable to a pole?
11	A	No.
12	Q	Could you turn please, sir, to Page 8 of
13	your pre-fi	le written direct testimony?
14	A	I'm there.
15	Q	At the bottom of Page 8, you're referring
16	to the Osmo	se statement of work. Correct? Beginning
17	at Line 19.	
18	A	Yes.
19	Q	And you state that "Osmose equates a full
20	capacity po	le with a crowded pole." Did I read that
21	correctly?	
22	A	Yes.

1	Q I take it that's not a compliment of
2	Osmose?
3	A I'm just trying to state fact.
4	JUDGE SIPPEL: Wait for him to ask the
5	question.
6	MR. CAMPBELL: Well, it's phrased a little
7	vaguely. I want to be clear here.
8	BY MR. CAMPBELL:
9	Q You're being critical of their equating
LO	crowded and full capacity. Correct?
L1	A No, I'm not. I'm just trying to state a
12	fact.
L3	Q Do you disagree with that?
L 4	A My assumption was that I didn't want to
15	have to deal with two different terms if I didn't have
L6	to, and I decided that I did not have to and that I
17	chose the one that Mr. Seiver had discussed with me as
18	being perhaps more appropriate. So I picked one. I
19	didn't want to have to distinguish between crowded and
20	full capacity.
21	Q Yes, sir. And you picked full capacity,
22	correct?

1	A That's correct.
2	Q And that was the term Mr. Seiver wanted
3	you to use, correct?
4	A He didn't tell me that I couldn't.
5	Q You're not here to offer any opinion about
6	whether a pole is crowded, correct?
7	A No.
8	Q Just whether it's at full capacity.
9	Right?
10	A Right.
11	Q And you have no opinion whether or not
12	crowded means the same thing as full capacity. Right?
13	A I do not.
14	JUDGE SIPPEL: Can I ask a question, not of
15	the witness, just of both counsel. I'll put it in the
16	form of a hypothetical right now. But would both
17	parties be willing to stipulate that any pole which is
18	at full capacity incorporates the concept of being
19	crowded, in other words, from the greater to the
20	lesser. If you're full capacity, you must be crowded.
21	MR. CAMPBELL: Your Honor, we think that
22	they mean the same thing. The reason we have to spend

1	time on this distinction you heard Ms. Kravtin's
2	testimony is they are creating a distinction
3	between the two terms. I understand why they're doing
4	it, but we're trying to establish that there isn't a
5	practical distinction. And I'm going to go a line of
6	inquiry with this witness to show that he doesn't
7	either.
8	JUDGE SIPPEL: All right. That wasn't my
9	question anyway. I was not trying to say you would
10	equate them. It just seems to me that if you say
11	something is at full capacity, the inference is it's
12	almost implicitly established that it's crowded.
13	MR. CAMPBELL: Gulf Power Company agrees.
14	MR. SEIVER: Your Honor, since I don't know
15	what crowded means except in the kind of basic sense
16	in when we talk about an elevator being crowded.
17	JUDGE SIPPEL: That's what I'm talking
18	about.
19	MR. SEIVER: But I can't necessarily agree
20	that a pole that might be at full capacity is crowded
21	because it could have only one attachment on it. And
22	for some reason, that could be at full capacity. Yet

1	the point that I thought Mr. Campbell was going to
2	move to is that Your Honor in an order, I think, about
3	a year ago had directed us to quit using the word
4	crowding. It's an ambiguous term, and just use the
5	term full capacity.
6	JUDGE SIPPEL: Well, I'm not going to tell
7	you to do anything differently than what the Eleventh
8	Circuit has been doing, but these words have been
9	bandied about in that decision. You know, that's one
10	of the issues that's going to have to be decided in
11	this case if it can be.
12	MR. COOK: Your Honor, if I could clarify
13	my colleague's comment, in your status order,
11	
14	specifically of April 15, 2005, you found that
15	specifically of April 15, 2005, you found that crowding was an ambiguous term and said, "I read the
	crowding was an ambiguous term and said, "I read the
15	
15 16	crowding was an ambiguous term and said, "I read the Eleventh Circuit's opinion to require proof of full
15 16 17	crowding was an ambiguous term and said, "I read the Eleventh Circuit's opinion to require proof of full capacity." And from that point on, we have focused on
15 16 17 18	crowding was an ambiguous term and said, "I read the Eleventh Circuit's opinion to require proof of full capacity." And from that point on, we have focused on full capacity.
15 16 17 18	crowding was an ambiguous term and said, "I read the Eleventh Circuit's opinion to require proof of full capacity." And from that point on, we have focused on full capacity. MR. CAMPBELL: What was the date of that

MR. LANGLEY: Your Honor, that came about because they had decided in March of 2005 that they didn't like the potential distinction between crowded and full capacity. So in numerous and voluminous filings, they attempted to convince Your Honor, early on before there was a factual record, that there was a distinction. That's what's happening here.

JUDGE SIPPEL: Well, whatever I wrote, I wrote. Obviously, I'm stuck with whatever I wrote at the time that I wrote it. But I'm putting the parties on notice now, that if it wasn't accepted earlier, that this case is going to be decided based on what the Eleventh Circuit said and what the subsequent commission order or the related commission order and particularly the hearing designation order in this case.

What I was trying to do with those scheduling orders and non-discovery orders was to keep everything focused on what I thought were going to be tryable issues. But it was, again, for purposes of trying to just narrow things like discovery and to get things moving. Things weren't moving too fast in

1 those days. 2 So, you know, that issue is in this case. Which of those standards apply under the laws that I 3 4 have cited, the cases I have cited, full capacity 5 and/or crowded. And we'll decide it when we decide 6 it. 7 But anyway, I was trying 8 clarification in my own mind just from the standpoint 9 of what would be the general understanding of full 10 capacity vis-a-vis crowded. And both sides have given 11 me your reasons, and I understand what you're saying, 12 Mr. Seiver, it isn't all of that inclusive, at least 13 not in the context of what we're doing here today. Thank you. 14 15 BY MR. CAMPBELL: 16 Q Going back to the previous answer, I think 17 you agree that you don't have an opinion sitting here 18 today of whether crowding and full capacity mean the 19 same thing, correct? 20 That's correct. I have not attempted to

define crowded, investigate crowded. I just focused

on the one term, full capacity.

21

22